



EBC Energy Resources Program Energy Storage Innovation – Next Steps and Beyond

Tuesday, October 31, 2017

Brown Rudnick LLP | Boston, MA

AGENDA

7:30 a.m. **Registration, Networking, and Continental Breakfast**

8:15 a.m. **Welcome: John Wadsworth, Chair, EBC Energy Resources Committee**
Partner, Brown Rudnick LLP

Program Introduction and Overview

- Ron Gerwatowski, Program Chair & Moderator

8:20 a.m. **Keynote - Status and Hopes for Storage as a Component of the Electric Grid**



Judith Judson, Commissioner
Department of Energy Resources
Executive Office of Energy & Environmental Affairs
Commonwealth of Massachusetts

8:50 a.m. **Update on Solar Storage and Solar Policies and Incentives**

- Mike Judge, Director, Renewable and Alternative Energy Division at Massachusetts Department of Energy Resources

9:20 a.m. **Industry Perspective – Solar Energy Company**

- Benjamin Downing, Vice President of New Market Development, Nexamp

9:40 a.m. **Utility Initiatives and Perspective**

- Ian Springsteel, Director, Regulatory Policy, National Grid
- Sam Eaton, Director, Strategic Planning & Policy, Eversource Energy

10:00 a.m. **Networking Break**

10:30 a.m. **Industry Perspective – Energy Storage Company**

- Kiran Kumaraswamy, Market Development Director, AES Energy Storage

11:00 a.m. **Panel Discussion**

Moderator: Ron Gerwatowski

11:45 p.m. **Closing Remarks – John Wadsworth**

PROGRAM CHAIR

Ronald T. Gerwatowski, Advising on Energy Policy Matters
(508) 259-7963 | gerwat@verizon.net

Ron Gerwatowski has 29 years of experience in the energy industry, with expertise ranging from rate regulation, power markets, energy procurement, renewable energy, and energy policy, among a wide range of other subjects. He was formerly the Senior Vice President for Regulation and Pricing for National Grid, where he had responsibility for rates and regulation for the regulated subsidiaries in the United States, including those in New England and New York. After retiring from the Company in 2014, he was appointed Assistant Secretary for Energy in the Baker Polito Administration, where he served as a senior policy advisor to Secretary Matthew Beaton, playing a significant role in the development of the Administration's energy policy during its first year. After completing a year of public service, he has since returned to the private sector as an energy and regulatory policy consultant

KEYNOTE SPEAKER

Judith Judson, Commissioner
Massachusetts Department of Energy Resources
100 Cambridge Street, Suite 1020, Boston, MA 02114
(617) 626-7332 | judith.judson@state.ma.us | www.mass.gov/doer/

(Jane May, Executive Assistant to the Commissioner
(617) 626-7332 | Jane.May@state.ma.us)

Judith Judson was appointed as Commissioner of the Department of Energy Resources in April 2015. Prior to joining the DOER, Judith worked at Customized Energy Solutions as Director of Emerging Technologies for the U.S. where she advised clients on the use of innovative technologies to cost-effectively modernize the US electric grid. Judith joined Customized Energy Solutions from Massachusetts-based clean energy technology company, Beacon Power LLC, where she served as Vice President of Asset Management and Market Development. As a nationally recognized expert on energy storage, Judith has participated in numerous hearings and technical conferences at the Federal Energy Regulatory Commission and the U.S. Department of Energy.

Judson chairs the Massachusetts Energy Efficiency Advisory Council and represents Massachusetts on the Boards of the Regional Greenhouse Gas Initiative Inc.; and Massachusetts Clean Energy Center.

Previously Judith served as Chairman and Commissioner of the Massachusetts Public Utilities Commission during the Romney Administration. She holds an M.B.A. from Harvard Business School and a Bachelor's degree in Mechanical Engineering from Kettering University.

SPEAKERS

Benjamin Downing, Vice President of New Market Development
Nexamp
4 Liberty Square, Boston, MA 02109
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Charged with expanding the company's strategic development efforts across growing geographies and product lines. Including leading the company's entry into the burgeoning energy storage market,

guiding efforts to align and implement new technologies within existing and developing national policy frameworks.

Samuel G. Eaton, Director, Strategic Planning & Policy
Eversource Energy
56 Prospect Street, Hartford, CT 06103
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Mr. Eaton joined Eversource in 2016. At Eversource he is responsible for leading the development of the Company's strategy and policy positions. In addition, Mr. Eaton is currently responsible for Eversource's utility scale energy storage and electric vehicle charging infrastructure development programs in Massachusetts, Connecticut, and New Hampshire. Prior to joining Eversource, Mr. Eaton served worked as a consultant to many of the leading investor owned utilities and energy investors. Mr. Eaton's experience includes more than \$10 billion of M&A transactions in the power, natural gas and utility sectors, assisting with the development and regulatory approvals of natural gas infrastructure, and leading assessments of the project management and internal control systems used to initiate, and manage mega- and major capital projects in the U.S. and Canada. Lastly, Mr. Eaton has advised developers of new and innovative electric technologies on effective marketing strategies to reach utility clients. Mr. Eaton graduated cum laude from Brandeis University (2002-2005) with a Bachelor of Arts in Economics and Business (minor).

Mike Judge, Director
Renewable and Alternative Energy Division
Massachusetts Department of Energy Resources
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Michael Judge has served as the Director of the Renewable and Alternative Energy Division at the Department of Energy Resources (DOER) since October 2015. As Director, Michael manages the Division as it designs and implements renewable and alternative energy policy and programs for the Commonwealth. Before his appointment as Director, he served in various other roles at DOER, primarily related to the management of the state's RPS and solar programs. Prior to his time at DOER, he worked at the Massachusetts Clean Energy Center on the implementation and administration of its solar rebate programs. He is a graduate of UMass Amherst.

Kiran Kumaraswamy, Market Development Director
AES Corporation
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Mr. Kiran Kumaraswamy is a Market Development Director at AES Energy Storage. In this role, he is directly responsible for identifying markets and applications that are attractive for energy storage development and educating potential customers on the benefits of energy storage. His work involves implementing regulatory and policy solutions that create access to key markets. Kiran is a frequent speaker at industry conferences on policy issues that impact energy storage development and has testified in U.S. Congress and FERC on a range of subjects including wholesale market reforms and multiple use-cases for energy storage. Kiran works closely with electricity industry stakeholders, NGO's, trade associations and state regulators to develop policy priorities and market action plans across the US. Prior to joining AES, he worked as a Senior Manager in ICF International advising private sector clients on wholesale power market and transmission issues. He holds an MS in Electrical Engineering from University of Wisconsin, Madison and a BS in Electrical Engineering from the University of Madras, India.

Ian Springsteel, Director, Regulatory Policy
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UPCOMING EBC PROGRAMS

NOVEMBER 2017

November 2 – Site Remediation Program: MassDEP Reopening Old Trichloroethylene (TCE) Sites
November 7 – Ocean & Coastal - Innovative Remote Sensing Techniques
November 7 – Solid Waste Management- Wrap & Roll – the Future of Rail Haul in New England
November 8 – MassDEP Commissioner Suuberg and the Western Region Leadership Team
November 9 – Professional Development Program: Moving UP the Ladder
November 10 – Climate Change Program: Adaptation and Resiliency Programs Electric Utilities
November 13 – New Hampshire Chapter Program Planning Meeting
November 15 – Forecasting Trends - Environmental Engineering and Consulting Industry - Paul Zofnass
November 16 – Green Infrastructure Implications for Water/Wastewater Management
November 17 – EBC & UMASS Climate Adaptation Forum – Three Cutting Edge Adaptation Programs
November 21 – Ocean and Coastal Resource Management Program: Living Shorelines
November 28 – Climate Change Matchmaking Forum
November 29 – Meet the EBC Committees Wine Tasting
November 30 – Mass DOER Division Leadership Team – Creating a Cleaner Energy Future

DECEMBER 2017

December 6 – Energy Resources Program Planning Meeting
December 6 – Solid Waste Program Planning Luncheon
December 7 – Rhode Island Chapter Program Planning Meeting
December 7 – Annual Winter Garden Party
December 8 – Water Resources Program Planning Meeting
December 13 – New Hampshire Holiday Party
December 14 – Connecticut Chapter Program Planning Meeting
December 14 – Rhode Island Holiday Party

JANUARY 2018

January 5 – Site Remediation & Redevelopment Committee Program Planning Meeting
January 8 – Climate Change and Air Committee Program Planning Meeting
January 8 – Ocean & Coastal Resources Committee Program Planning Luncheon
January 9 – MassDEP Commissioner Suuberg and Headquarters Leadership
January 10 – Ascending Professionals Committee Program Planning Meeting
January 12 – Climate Adaptation Forum
January 17 – Evening Program with EOEEA Secretary Matthew Beaton
January 19 – Update from MassDEP Regional Water Directors
January 23 – Update from NH Department of Environmental Services Directors
January 24 – Annual Construction & Demolition Materials Management Regional Summit
January 25 – Closure of LNAPL Sites in New England
January 26 – Energy Resources Program – Renewable Thermal